



TITLE:

THESES

AUTHOR(S):

CITATION:

THESES. ICR Annual Report 1997, 3: 86-87

ISSUE DATE:

1997-03

URL:

<http://hdl.handle.net/2433/65092>

RIGHT:

THESES

KOKUSEN, Hisao

D Sc, Kyoto University

"Design of Novel Selective Complex Formation Systems Using Poly(pyrazolyl)borate Ligands"

Supervisor: Professor Matsui M

23 March 1995

HARA, Takane

D Agr, Kyoto University

"Active Site Architecture of *Escherichia coli* B Glutathione Synthetase Analyzed by X-Ray Crystallography and Site-Directed Mutagenesis"

Supervisor: Professor ODA J

24 November 1995

MATSUO, Yo

D Sc, Kyoto University

"Protein Structure Prediction by Evaluating Sequence-Structure Compatibility"

Supervisor: Professor Kanehisa M

23 January 1996

NAKAMATSU, Hirohide

D Sc, Kyoto University

"Relation between X-Ray Absorption Near-Edge Spectra and Interatomic Distances"

Supervisor: Professor Mukoyama T

23 January 1996

OHYASU, Hitoshi

D Pharm Sc, Kyoto University

"Certain of New Thamuria Therapeutic Agent Vamicamide"

Supervisor : Professor Sugiura Y

23 January 1996

MATSUMOTO, Takuyuki

D Pharm Sc, Kyoto University

"DNA and RNA Cleavages by Chromoprotein Antitumor Antibiotic C-1027"

Supervisor : Professor Sugiura Y

23 March 1996

FUJITA, Mikako

D Pharm Sc, Kyoto University

"Molecular Design of Artificial Ligands Targeted Zinc-Finger Proteins"

Supervisor : Professor Sugiura Y

23 March 1996

GUAN, Leluo

D Pharm Sc, Kyoto University

"Specific Guanine-Binding and -Cleavage of DNA and RNA by Bleomycin-Nickel(III) Complex"

Supervisor : Professor Sugiura Y

23 March 1996

KIRYU, Yoshimitsu

D Pharm Sc, Kyoto University

"Synthesis and Application of Enantiomeric Aziridine Used Enzymatic Reaction"

Supervisor : Professor Sugiura Y

23 March 1996

OGAWA, Izumi

D Sc, Kyoto University

"Development of an Experimental System for Dark

Matter Axion Search with Rydberg Atoms"

Supervisor: Professor Inoue M

23 March 1996

AOKI, Mikio

D Sci, Kyoto University

"Signal transduction pathways through reversible phosphorylation-dephosphorylation reactions in higher plants"

Supervisor: Professor A. Oka

23 March 1996

ONO Teruo

D Sc, Kyoto University

"Giant Magnetoresistance Effect of Co/ Cu/ NiFe/ Cu Metallic Multilayers Prepared on Microstructured Substrates"

Supervisor: Professor Shinjo T

23 March 1996

SUMIDA, Motoo

D Agr, Kyoto University

"New Protoporphyrinogen Oxidase Inhibitors and Their Herbicidal Function"

Supervisor: Professor Soda K

23 March 1996

KAWACHI Atsushi

D Eng, Kyoto University

"The Chemistry of Functionalized Silyl Anions"

Supervisor: Professor Tamao K

23 March 1996

SUN Guang-Ri

D Eng, Kyoto University

"Synthesis, Structure and Reactivity of Polyfunctionalized Oligomeric Silanes"

Supervisor: Professor Tamao K

23 March 1996

OHTA, Yoshihisa

D Pharm Sc, Institute for Chemical Research Kyoto University

"Studies on the Asymmetric Syntheses Using Chiral Phosphonate Reagents"

Supervisor: Prof. Kaoru Fuji

23 March, 1996

ASHIUCHI, Makoto

D Agr, Kyoto University

"Structure and Function of Glutamate Racemase"

Supervisor: Professor Soda K

23 March 1996

JHEE, Kwang-Hwan

D Agr, Kyoto University

"Stereochemical Studies of Aminotransferase Reactions"

Supervisor: Professor Soda K

23 March 1996

KUROKAWA, Youichi

D Agr, Kyoto University

"Structure and Function of Thermostable Alanine Racemase"

Supervisor: Professor Soda K

23 March 1996

NAKAMURA, Takeshi
D Agr, Kyoto University
"Production and Conversion of Sulfur and Selenium-containing Amino Acids with Pyridoxal Enzymes"
Supervisor: Professor Soda K
23 March 1996

ISHIGURO, Ryo
D Sc, Kyoto University
"Spectroscopic Study about Interaction of Membrane Fusion-Active Peptides with Lipid Bilayer"
Supervisor: Professor Takahashi S
23 May 1996

MIYATAKE, Hideyuki
D Sc, Kyoto University
"Crystallographic Studies on Structure-Function Relationships of Alkaline Protease from *Pseudomonas aeruginosa* IFO3080"
Supervisor: Professor Takahashi S
23 May 1996

KAWASAKI, Masashi
D Sci, Kyoto University
"Lipase-Catalyzed Transesterification of Aryl-Substituted Alkanols in Organic Solvents"
Supervisor: Professor Ohno A
23 July 1996

TSUTSUMI, Akihiro
D Sci, Kyoto University
"Novel Atropisomeric NAD(P)H Model Compounds: Syntheses and Stereochemistry in the Reductions"
Supervisor: Professor Ohno A
23 July 1996

KINOSHITA, Masamichi
D Sci, Kyoto University
"Solvent Effect on Stereoselectivity of Lipase-Catalyzed Reaction"
Supervisor: Professor Ohno A
23 July 1996

SHIOJI, Kousei
D Sci, Kyoto University
"Studies on Reactivity of Cation Radicals Generated from Trivalent-Phosphorus Compounds"
Supervisor: Professor Ohno A
23 July 1996

KATO, Masayuki
D Pharm Sc, Kyoto University
"Synthesis and Structure-Activity Relation of Serotonin-3 Receptor Antagonist"
Supervisor: Professor Sugiura Y
23 July 1996

MATSUI, Michikage

D Eng, Kyoto University
"Structure and Properties of Polyester Fibers Produced by High-Speed Spinning"
Supervisor: Professor Miyamoto T
23 September 1996

MURAKAMI, Syozo
D Eng, Kyoto University
"Structure Development in the Uniaxial-Drawing Process of Crystalline Polymers"
Supervisor: Professor Kohjiya S
25 November 1996

ITAHANA, Koji
D Sci, Kyoto University
"Gap Junction and Oogenesis in Mammalian Ovarian Follicles"
Supervisor: Professor A. Oka
25 November 1996

DEWA, Hideki
D Sc, Kyoto University
"Measurements of the Longitudinal Beam Emittance of the Proton Linac"
Supervisor: Professor Inoue M
25 November 1996

KURODA, Akio
D Pharm Sc, Institute for Chemical Research Kyoto University
"Exploitation of Chemical Functions of Optically Active 1,1'-binaphthalene-8,8'-diol: Applications to Asymmetric Synthesis and Molecular Recognition"
Supervisor: Prof. Kaoru Fuji
25, November, 1996

TANIGUCHI, Kiyoshi
D Pharm Sc, Institute for Chemical Research Kyoto University
"Synthetic and Structure-Activity Studies on the Cyclic Amines Possessing Inhibitory Activity against Bladder Contraction"
Supervisor: Prof. Kaoru Fuji
25, November, 1996

MONDE Takashi
D Eng, Kyoto University
"Synthesis and Application of Branched-Polyfluoroalkylsilanes"
Supervisor: Professor Yoko T
12 December 1996

TERASHIMA Kentaro
D Eng, Kyoto University
"Studies on Structure and Nonlinear Optical Properties of B₂O₃-Based Glasses"
Supervisor: Professor Yoko T
24 March 1997